

Converting Colors

Hex(993510)

Have a look what the booklet for
Hex(993510) contains.

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Color

Hex(993510)

Conversions

Conversions Part 1

Format	Color
Hex	993510
RGB	153, 53, 16
RGB Percent	60%, 21%, 6%
CMY	0.4000, 0.7922, 0.9373
CMYK	0.00, 0.65, 0.90, 0.40
HSL	16°, 81%, 33%
HSV	16°, 90%, 60%
XYZ	14.5035, 9.3559, 1.5317
YIQ	78.6820, 71.4770, 9.6930

Conversions

Conversions Part 2

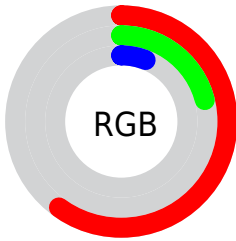
Format	Color
R _Y B	153, 67, 16
Decimal	10040592
CIE Lab	36.66, 40.20, 42.51
CIE LCh	37, 58.512, 46.602
Yxy	9.3559, 0.5712, 0.3685
Android (android.graphics.Color)	4288230672 (0xFF993510)
YUV	78.6820, -30.9022, 65.1769
Hunter-Lab	30.5875, 31.1104, 18.4423

Details

The Hex color **993510** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **107499**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **D6683F**, and **5E0000** is the 20% darker color. If you saturate the color by 10%, you get **992A01**, and if you desaturate by 10%, it is **99401F**.

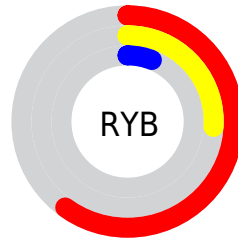
Distribution



Red (60%)

Green (21%)

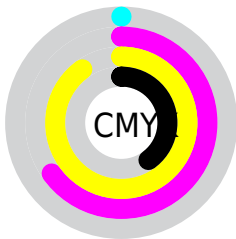
Blue (6%)



Red (60%)

Yellow (26%)

Blue (6%)

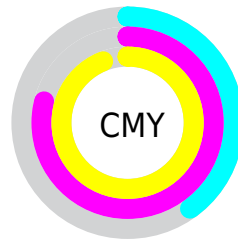


Cyan (0%)

Magenta (65%)

Yellow (90%)

Black (40%)



Cyan (40%)

Magenta (79%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 993510 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 993510 by changing the saturation by 10% instead.

 993510

 993510

 FFFFF9

 7B1A00

 D6683F

 5E0000

 F58358

 410000

 FF9D71

 270001

 FFB98A

 000000

 FFD5A5

 FFF2C1

 FFFFDD

 993510

 993510

■ 992A01

■ 99401F

■ 992900

■ 994B2F

■ 99573E

■ 99624D

■ 996D5C

■ 99786C

■ 99837B

■ 998E8A

■ 999A9A

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A71B3F



993510



7B4C00

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



993510



00693F



0053B2

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



993510



107499

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0062B3



993510



006B70

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



993510



076507



00699A



773B98

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



993510



605800



00699A



0059B5

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



993510



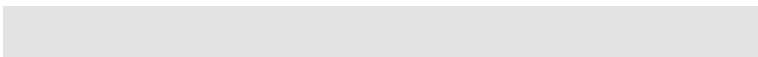
C7A091



991074



634C44



E3E3E3



636363

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



993510



C73600



997910



4D4745



8C2600



0D0300

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



107499



0091C7



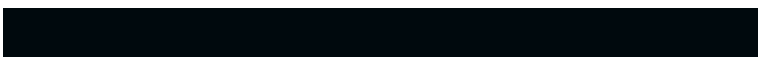
103099



454A4D



00668C



00090D

Previews

White Background



This preview shows how the Hex color 993510 looks on a white background.

Color Contrast Check

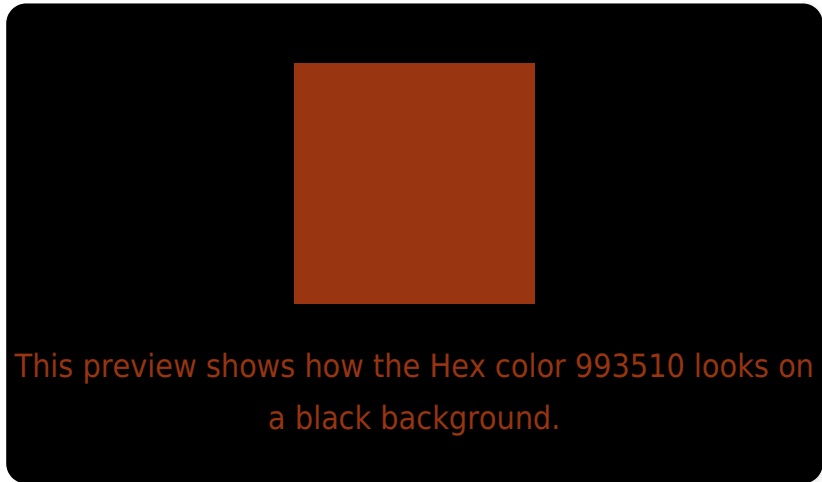
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 993510 Background



This preview shows how black text looks on a background with the Hex color 993510.



This preview shows how white text looks on a background with the Hex color 993510.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
993510

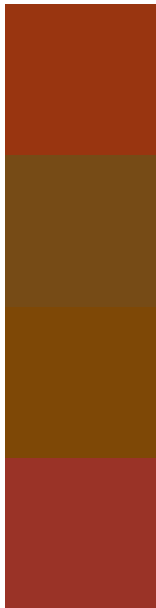
Protanopia
625719

Deuteranopia
6E5300



Tritanopia
9A3234

Trichromacy



Original Color
993510

Protanomaly
764B16

Deuteranomaly
7E4806

Tritanomaly
9A3327

Monochromacy



Original Color
993510

Achromatopsia
4F4F4F

Achromatomaly
6A4638

CSS Examples

Text

The CSS property to change the color of the text to Hex 993510 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #993510 looks like.

```
.text, #text, p{  
    color:#993510  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #993510 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993510
}
```

Border

The CSS property to change the border of an element to Hex 993510 is called "border". The border property can be set on classes, ids or directly on the HTML element.

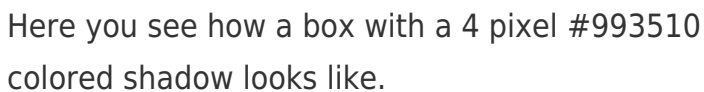
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#993510 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#993510 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #993510 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993510; -webkit-box-shadow:4px 4px  
4px 4px #993510; box-shadow:4px 4px 4px  
4px #993510 }
```

Background

The CSS property to change the background color of an element to Hex 993510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993510 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#993510 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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